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TO: Missouri Local Public Health Agencies, Missouri Influenza Sentinel Physicians

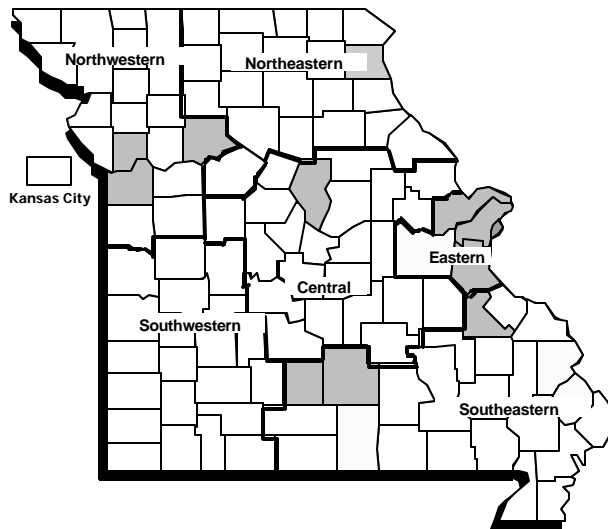
FROM: Howard Pue, D.V.M., M.S., Chief
Section of Communicable Disease Control and Veterinary Public Health

SUBJECT: Weekly Missouri Influenza Report 2001-2002 Season
(All data in this report are provisional and may change as reports are updated.)

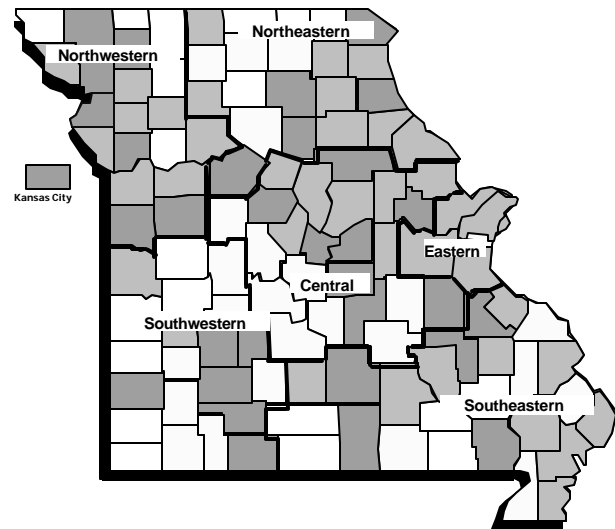
Missouri is reporting "regional" influenza activity to the Centers for Disease Control and Prevention

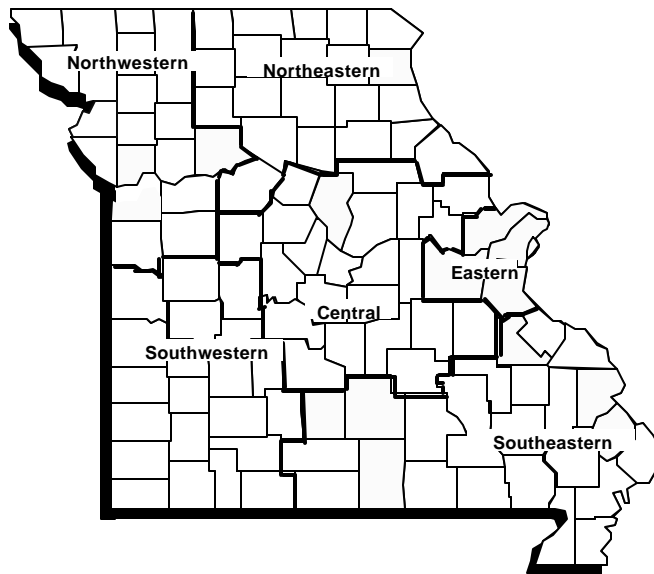
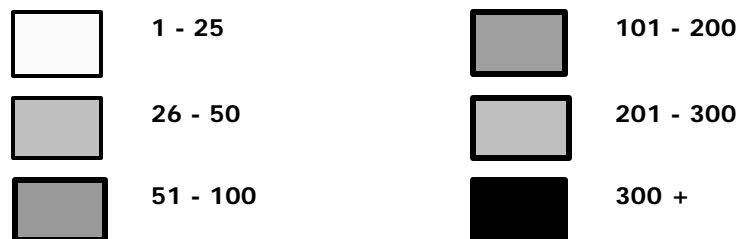
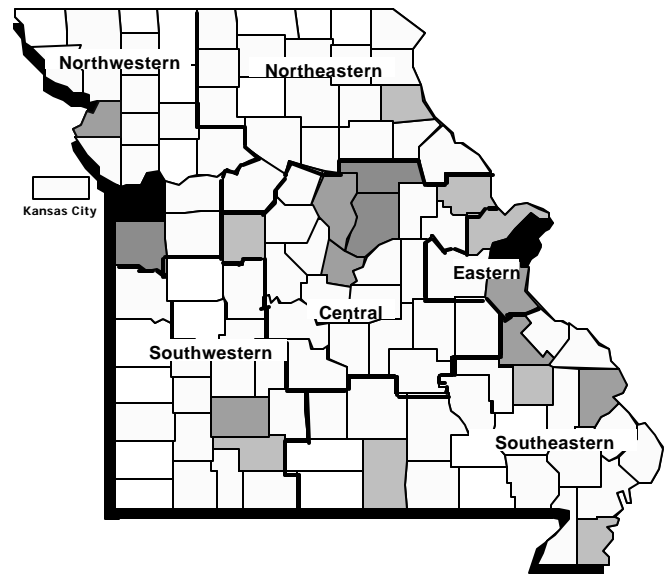
Week: 16	For the Week Ending: April 20, 2002					
Reported Laboratory Confirmed Cases This season's subtypes:	A (non-typed)	A (H3N2)	A (H1N1)	B	A or B untyped (rapid test)	Total
Week:	21	0	0	12	48	81
Season-to-Date Totals*	1537	75	0	142	2089	3843

Confirmed Influenza, Type A, B, or A/B Undifferentiated
Missouri, By Health District
Week 16 Ending April 20, 2002



Confirmed Influenza, Type A, B, or A/B Undifferentiated
Missouri, By Health District
Season-to-Date, Ending April 20, 2002



Confirmed Influenza, All Types
Missouri, By Health District
Week 16, Ending April 20, 2002Confirmed Influenza, All Types
Missouri, By Health District
Season-to-Date, Ending April 20, 2002

Week: 16			For the Week Ending: April 20, 2002					
Clusters/Outbreaks of Influenza-Like Illness								
Health District	Central	Eastern	NE	NW	SE	SW	YTD	Last Season YTD
School Closings			1				6	17
Community Outbreaks							3	0
LTC Facility & Institutional Outbreaks							10	1
Other Outbreaks							0	0

Week: 15	For the Week Ending: April 13, 2002			
	Season-to-date	Week 15	Week 15 Last Season*	10 Year Median
Pneumonia & Influenza Deaths	953	45	49	44

Week: 16	For the Week Ending: April 20, 2002						
U.S. Influenza Sentinel Physicians Surveillance Network	Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Influenza-like illness (ILI) for week:	11	7	4	3	25	3589	0.70%

CDC characterized several positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL). The isolates were related antigenically to influenza A/Panama/2007/99, which is antigenically similar to the influenza A H3N2 component of the 2001-2002 influenza vaccine.

The recently implemented High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS) reporting method for influenza-like illness in some counties. The Active Surveillance Table illustrating influenza-like illness and pneumonia-like illness has been removed from this report. Future inclusion of HASS respiratory illness data is under consideration.

Sources of Data: Laboratory confirmed cases are reported to the Missouri Department of Health and Senior Services (DHSS) passive communicable disease surveillance system through the disease registry. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

*The influenza season begins with week 40 (week ending October 6, 2001) and ends with week 20 (week ending May 18, 2002). The influenza season for previous years extended from week 46 through week 17. Therefore, the 10-year median is from week 46 through week 17 only.

This report may also be found on the DHSS homepage at www.dhss.state.mo.us at Diseases & Conditions. National influenza surveillance information is available from the Centers for Disease Control and Prevention at www.cdc.gov/ncidod/diseases/flu/weekly.htm.

The Missouri Department of Health and Senior Services after hours emergency number is (573) 751-4674.